



AGENDA ITEM III: BLOOD, TISSUES, CELLS AND ORGANS

Country Session: The Republic of TURKEY
6-7 July 2006



BLOOD AND BLOOD COMPONENTS



LEGAL BASIS

- **LAW NO: 2857 ON BLOOD AND BLOOD COMPONENTS
(OG No: 18088, 25 June 1983)**
- **BY- LAW ON BLOOD AND BLOOD COMPONENTS
(OG No: 18088, 25 June 1983)**
- **CIRCULAR ON MAIN OPERATING PRINCIPLES OF
TRANSFUSION COMMITTEE (07 May 2004)**



LEGAL BASIS

- **CIRCULAR ON NOTIFICATION FORM RELATED MONTHLY ACTIVITIES OF HOSPITAL BLOOD BANKS AND BLOOD STATIONS (FORM 113) (04 August 1998)**
- **CIRCULAR ON TESTING OF DONATIONS (21 August 1996)**



COMPETENT AUTHORITY

MINISTRY OF HEALTH

GENERAL DIRECTORATE FOR CURATIVE SERVICES



LAW NO: 2857 ON BLOOD AND BLOOD COMPONENTS

OBJECTIVE:

To regulate the basic principles and procedures relating to blood and blood components



BY-LAW ON BLOOD AND BLOOD COMPONENTS

OBJECTIVE:

To determine the procedures and principles related to:

- **Licensing of the blood establishments, blood centers, blood stations**
- **Production facilities for blood products**
- **Activities of the establishments ,centers, stations**
- **Inspection**



CIRCULAR ON MAIN OPERATING PRINCIPLES OF TRANSFUSION COMMITTEE

OBJECTIVE:

- **To ensure the hospital policy on consuming, collection of blood and blood components, preparation, storage and safety of use**

This committee holds meetings at least four times a year.



CIRCULAR ON NOTIFICATION FORM RELATED MONTHLY ACTIVITIES OF HOSPITAL BLOOD BANKS AND BLOOD STATIONS (FORM 113)

OBJECTIVE:

- **To collect the notifications in order to maintain a database about the activities relating to the collection, testing, preparation, storage and distribution of blood and blood components and provide safety conditions of hospital blood banks and blood stations**

(Within the framework of this Circular, Turkish Red Crescent also notifies about its monthly activities)



REVIEW OF BLOOD AND BLOOD COMPONENTS LEGISLATION

Technical studies on alignment about blood and blood components legislation are going on.



TISSUES, CELLS AND ORGANS



LEGAL BASIS

- **LAW No: 2238 ON TRANSPLANTATION OF ORGAN AND TISSUE (OG No: 16655, 03 June 1979)**
- **BY-LAW ON ORGAN AND TISSUES TRANSPLANTATION SERVICES (OG No: 24066, 01 June 2000)**
- **BY-LAW ON CORD BLOOD BANKS (OG No: 25866, 05 July 2005)**



LEGAL BASIS

- **INSTRUCTION ON BONE MARROW TRANSPLANTATION CENTERS AND DATA PROCESSING CENTERS (26 February 2001)**
- **INSTRUCTION ON EYE BANK AND CORNEA TRANSPLANTATION CENTERS (26 February 2001)**
- **INSTRUCTION ON HUMAN LEUCOCYTE ANTIGEN (HLA) TYPING LABORATORIES (26 February 2001)**



LEGAL BASIS

- **INSTRUCTION ON LIVER TRANSPLANTATION CENTERS (26 February 2001)**
- **INSTRUCTION ON HEART, LUNG, HEART- LUNG AND HOMOGRAFT TRANSPLANTATION CENTERS (26 February 2001)**
- **INSTRUCTION ON KIDNEY TRANSPLANTATION CENTERS (26 February 2001)**



LEGAL BASIS

- **INSTRUCTION ON THE NATIONAL COORDINATION SYSTEM OF ORGAN AND TISSUE TRANSPLANTATION (30 January 2001)**
- **CIRCULAR ON EMBRYONIC STEM CELLS RESEARCH (19 September 2005)**
- **CIRCULAR ON NON-EMBRYONIC STEM CELLS RESEARCH (01 May 2006)**



COMPETENT AUTHORITY

MINISTRY OF HEALTH

GENERAL DIRECTORATE FOR CURATIVE SERVICES



LAW ON TRANSPLANTATION OF ORGAN AND TISSUES

OBJECTIVE:

To regulate donation, procurement, preservation, and transplantation of organs and tissues

- This law includes :
 - organs (kidney, heart, lung, liver),
 - and tissues (heart valve, bone-marrow and cornea)
- This law excludes:
 - blood and blood products,
 - stem cells, cord blood, auto-grefts, skin,
 - reproductive cells (eggs, sperm), foetal tissues



BY-LAW ON ORGAN AND TISSUES TRANSPLANTATION SERVICES

OBJECTIVE:

To regulate operating procedures and principles, licensing, activities and inspection of:

- **Organ and Tissue Transplantation Centers,**
- **Eye Bank and Cornea Transplantation Centers,**
- **Human Leucocyte Antigen (HLA) Typing Labs**



INSTRUCTION ON THE NATIONAL COORDINATION SYSTEM OF ORGAN AND TISSUE TRANSPLANTATION

OBJECTIVE:

To regulate:

- **the operating principles and procedures of the transplantation centers and**
- **the responsibilities, duties and training of the staff.**

The National Coordination System covers donation procurement, distribution of organs and tissues.



BY-LAW ON CORD BLOOD BANKS

OBJECTIVE:

To regulate the procedures and principles related to:

- **licensing Cord Blood Bank,**
- **its activities and**
- **its inspection**



OBJECTIVE OF ABOVE-MENTIONED INSTRUCTIONS:

To regulate the principles and procedures related to licensing, operating and inspection of organ and tissue transplantation centers and human leukocyte antigen typing laboratories.



The Number of Licensed Organ and Tissue Transplant Centers, Eye Banks and Laboratories in Turkey

Transplant Centers	Number
Kidney Transplant Centers	30
Liver Transplant Centers	18
Heart- Lung Transplant Centers	12
Bone Marrow Transplant Centers	22
Human Leukocyte Antigen Typing Laboratories	24
Eye Banks	14



CIRCULAR ON NON-EMBRYONIC STEM CELLS RESEARCH

OBJECTIVE:

- **To determine principles and procedures for clinical trial of non-embryonic stem cells research**

This circular applies to somatic stem cells research.



CIRCULAR ON NON-EMBRYONIC STEM CELLS RESEARCH

Within the framework of this circular, a guideline has been issued regarding:

- determination of standards of hospitals**
- determination of preconditions of trials and**
- determination of scientific competency of hospitals and scientists.**



CIRCULAR ON EMBRYONIC STEM CELLS RESEARCH

Embryonic stem cells research is prohibited in Turkey by this Circular.



THANK YOU FOR YOUR ATTENTION